MYSORE GAZETTE.

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938

PART IV.

OFFICIAL PAPERS.

Season Report for the Week ending Saturday the 6th June 1896.

	Rainfall at—	Rainfall. Present week.		Average for corresponding week of the past three years.		Total from the beginning of the present calendar year.		Average for the past three years up to end of present week.		Price of food grains in seers per rupee; and market fluctuations in the prices of food grains.	Market how supplied.	Progress of agricultural operations, state of standing crops, prospects and probable out-turn of the harvests, serious damage done to crops by insects, or other natural calamities.	Prospects of season; tracts in which the rainfall has been insufficient; areas affected by scarcity, number of people under relief, and state of food stocks.	Public health.	Remarks as to the condition of agricultural stock, state of pasturage or fodder.
		I.	c.	I.	c.	I.	c.	I.	c.						
...	Bangalore C. & M. Stn. ...	...	18	...	...	...	...	...	...	Stationary.		Fields are being ploughed.	..	...	Cattle in good Water and fod ful.
	„ City & Tk....	...	35	1	66	6	6	9	90	This week. Seers. Past week. Seers.					
	Hoskote ...	1	80	...	86	5	39	9	2	Rice 9½ 9½.	Well.	Standing crops are in good condition. Ploughing operations in good progress.	Good.	Generally good.	Cattle in healthy Water and f curable.
	Dodballapur ...	1	48	...	84	8	57	8	57	Ragi 29 30.					
	Nelamangala ...	...	40	2	43	8	45	11	93	(*Eleusine corocana.*)					
	Kankanhalli ...	...	85	1	6	3	73	12	30	Horse-gram 18 22½.					
	Magadi ...	...	33	2	29	6	41	12	67	(*Cicer arietinum.*)					
	Channapatna ...	1	9	1	25	5	90	12	10						
	Anekal ...	...	83	2	2	4	25	11	13						
	Devanhalli ...	1	...	1	49	7	2	11	12						
	Closepet ...	...	88	1	8	7	40	12	35						
...	Kolar ...	...	...	1	45	5	32	7	18	Rice 10 to 11½ 10 to 11½.	Do	Standing crops are generally in good condition. Vaishaka paddy was harvested in parts.	Do.	Generally good, but there were a few fatal cases of cholera in the Bowringpet taluk.	Water and fodd able.
	Bowringpet ...	1	10	...	80	4	20	8	45	Ragi 30 to 40. 30 to 40.					
	Chintamani ...	...	70	...	78	6	65	5	91	(*Eleusine corocana.*)					
	Mulbagal ...	...	50	...	80	5	70	4	78	Horse-gram 17 to 24 20 to 25.					
	Sidlaghatta ...	...	85	1	90	6	9	9	52	(*Cicer arietinum.*)					
	Chikballapur ...	...	65	2	17	6	10	7	52						
	Bagepalli ...	...	80	1	13	4	69	4	83						
	Goribidnur ...	2	35	1	18	6	35	6	93						
	Malur ..	*	*	1	42	3	33	8	16						
	Srinivaspur ...	...	10	1	69	2	98	6	85						
	Gudibanda ...	...	40	1	56	5	59	9	59						
...	Tumkur ...	...	55	1	74	9	12	11	15	Rice 9 to 13 9 to 13½.	Do	Standing crops are in good condition. Paddy and sugar-cane were harvested and paddy, gingelly, great millet, castor-oil beans and panicle were [illegible] parts.	Do	Good.	Cattle in good Water and fo able.
	Maddagiri ...	4	25	1	46	5	90	6	91	Ragi 28 to 44 29 to 44.					
	Chiknayakanhalli.	...	65	1	45	7	32	10	35	(*Eleusine corocana.*)					
	Sira ...	3	32	2	10	5	98	8	12	Horse-[illegible] 25 [illegible]					
	Gubbi ...	1				80	6								

REMEDIES FOR PLANT DISEASES.

[The following are some reliable formulæ for the treatment of fungi and insect pests. They have been taken from the Report of the Agricultural Experiment Station of the University of California, and are reprinted here for the benefit of the many inquirers in this country to whom the original reports are not, perhaps, accessible. It should be very constantly borne in mind that "Paris Green" and "London Purple" contain the powerful poison arsenic, and should therefore be used with the greatest caution, especially in the case of plants any part of which is used in the preparation of food or drink. The same caution applies, though with less emphasis, to "Bordeaux mixture," which contains an irritant copper salt.]

FOR POWDERY MILDEWS use SULPHUR, dusting it on the plants.

FOR FUNGI in general use BORDEAUX MIXTURE, made as follows: For every 10 gallons take 1 pound of lime and 1 pound of bluestone. Dissolve these separately in hot water and mix when cool, adding the rest of the water. Spray on the plants. Or spray with AMMONIACAL COPPER CARBONATE SOLUTION, made as follows: Dissolve 1 ounce of copper carbonate in 6 ounces of ammonia and add 10 gallons of water.

FOR FUNGI and SCALE INSECTS use LIME, SALT AND SULPHUR MIXTURE, a *winter* wash composed of lime 8 pounds, salt 3 pounds, and sulphur 4 pounds, for each 12 gallons of water. Mix one-fourth of the water, one-fourth of the lime, and all the sulphur, and boil for one and a half hours; put the salt with the rest of the lime and slake with hot water; add to the above and boil half an hour longer; add the remainder of the water and apply as a spray.

FOR SCALE INSECTS use RESIN SOAP as follows: For 100 gallons for *summer* use take resin 18 pounds, caustic soda (98%) 3½ pounds, and fish oil 2½ pints; for *winter* use, resin 30 pounds, caustic soda 6¼ pounds, and fish oil 4⅓ pints. The material is put in a kettle and covered with four or five inches of water. The lid is put on and the mixture boiled two hours or more, and then the rest of the water is added, a little at a time. Spray on the plants. Or use the GAS TREATMENT: Cover the plant with an oiled tent, and for each 100 cubic feet of contents place in a bowl beneath the tent ⅔ ounce of water, ⅔ ounce of sulphuric acid (oil of vitriol), and ⅔ ounce of potassium cyanide (58%). Be careful not to inhale the poisonous gas, not to allow it to escape from the tent for half an hour. The leaves may be injured if used during the middle of the day.

FOR INSECTS in general use KEROSINE EMULSION, as follows: Make a soap solution of half a pound of soap to a gallon of water. Heat it to boiling and add two gallons of kerosine. Pump it through the spray pump, with good pressure, for five or ten minutes. For use add ten times as much water as you have of emulsion. Apply as a spray. Sour milk may be used instead of the soap solution. The emulsion is made more effective by the addition of a very small amount of arsenic to the soap solution, or of buhach to the kerosine.

FOR fruit or leaf-eating INSECTS use PARIS GREEN or LONDON PURPLE as a powder at the rate of 1 to 5 pounds to the acre, distributed by walking or riding over the field, carrying a pole, at both ends of which are hung muslin bags containing the poison. As a spray use 1 pound to 200 gallons of water. In spraying these arsenites the nozzle should be held at some distance from the plant and *no more should be applied after the leaves begin to drip*. Do not use these on crops where the poison would be injurious to health.

Prices-Current (*Retail*) of Food Grains, Firewood, and Salt in the Province of Mysore during the fortnight ending the 31st May 1896.

Quantity per rupee by the standard seer of 80 tolas, *vide* Government of India No. 1—21, dated 10th February 1874.

Fortnight ending—	No.	Districts.	Wheat.						Barley.						Rice, best sort.						Rice, common.						Javar or Cholam, *Sorghum Vulgare.*						Bajra or Cumbu, *Pennisetum typhoideum.*					
			Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.	
			Seers.	Chittaks.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.
31st May 1896.	1	Bangalore ...	12	2	12	8	14	0	10	3	10	8	11	0	8	0	8	4	8	0	9	8	9	13	9	8	22	8	24	0	24	8	...	...	...	...	...	...
	2	Kolar ...	...	...	12	0	10	12	10	12	10	0	10	0	10	0	10	0	10	0	10	0	11	8	10	12	10	12	32	0	21	0	21	0	34	0	18	0
	3	Tumkur ...	11	8	11	0	12	0	11	0	11	0	11	0	9	0	9	0	9	4	10	0	10	0	10	4	32	0	34	0	28	0	35	0	35	0	37	0
	4	Mysore ...	10	4	12	0	12	0	10	0	8	12	11	12	8	8	8	12	8	12	8	4	10	0	10	0	38	0	39	0	29	0	25	0	25	0	25	0
	5	Hassan ...	...	...	...	...	...	...	12	0	12	0	11	0	9	8	8	8	8	0	10	8	10	8	10	0	22	0	...	...	...	...	...	...	...	...	...	...
	6	Shimoga ...	12	1	12	10	13	10	...	...	...	...	...	...	8	6	8	6	8	6	12	10	12	10	13	10	31	8	30	7	27	9	...	...	...	...	...	...
	7	Kadur ...	0	0	10	0	11	0	10	0	11	0	12	0	9	0	8	0	8	0	11	0	10	0	10	0	28	0	28	0	...	...	...	...	...	...	...	...
	8	Chitaldrug ...	14	0	15	0	14	0	13	0	14	0	13	0	9	0	9	0	9	0	11	0	11	0	10	8	38	0	38	0	34	0	25	0	28	0	20	0
		Average ...	11	8	12	8	12	8	11	0	11	8	11	6	8	15	8	14	8	13	10	8	10	11	10	5	27	13	32	3	27	5	28	8	30	8	25	0

Quantity per rupee by the standard seer of 80 tolas, *vide* Government of India No. 1—21, dated 10th February 1874.

Fortnight ending—	No.	Districts.	Marua or Ragi, *Eleusine Corocana.*						Kangni or Kakun, Italian millet (*Setaria Italica.*)						Gram, Chenna, Chola Kadale or Sunaga *Cicer Arietinum.*						Indian corn or Maize (*Zea Mays.*)						Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*)						Firewood.						Salt.					
			Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.	
			Seers.	Chittaks.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.	S.	c.
31st May 1896.	1	Bangalore ...	30	0	31	14	30	0	...	...	...	...	...	...	11	8	11	8	10	8	...	...	...	...	...	...	14	8	14	0	12	8	108	0	108	0	100	0	10	0	10	0	10	0
	2	Kolar ...	32	0	33	0	34	0	14	0	13	0	14	0	10	0	10	0	10	4	21	8	23	0	12	0	14	0	14	0	13	0	192	0	192	0	150	0	10	0	10	0	10	0
	3	Tumkur ...	32	0	36	0	35	0	40	0	40	0	38	0	12	0	12	0	12	0	...	...	...	...	...	...	16	0	17	8	14	0	224	0	224	0	224	0	10	8	10	8	10	0
	4	Mysore ...	27	0	30	0	27	0	25	0	25	0	26	0	11	0	12	0	12	0	...	...	...	...	...	...	14	8	15	0	12	8	96	0	96	0	98	0	10	8	10	0	10	0
	5	Hassan ...	33	0	34	6	32	0	...	...	18	0	...	...	10	8	11	0	11	0	...	...	...	...	...	...	15	9	15	0	15	0	144	0	144	0	200	0	9	8	9	0	9	0
	6	Shimoga ...	44	2	43	1	33	10	...	...	...	...	...	...	13	10	13	10	11	9	...	...	...	...	...	...	16	13	18	14	...	...	320	0	320	0	210	0	10	8	10	8	10	8
	7	Kadur ...	32	0	32	0	24	0	...	...	...	...	...	...	12	0	12	0	11	0	...	...	...	...	...	...	8	0	8	0	8	0	240	0	240	0	240	0	9	0	9	0	9	0
	8	Chitaldrug ...	40	0	40	0	42	0	40	0	40	0	40	0	13	0	13	0	14	0	...	...	...	...	...	...	14	0	14	0	14	0	175	0	175	0	320	0	9	0	9	0	9	8
		Average ...	33	10	35	0	32	3	29	12	27	3	29	8	11	11	11	14	11	9	21	8	25	0	12	0	14	1	14	9	12	11	187	6	187	6	196	4	9	14	9	12	9	12

C. Sreenivasiengar, *Secy. to Govt., Gen. & Rev. Depts.*

THE MYSORE GAZETTE, JUNE 15, 1896.

940

Kor...	...	...	...	43	3	52	7	10					
Turuv...	...	...	...	33	5	61	9	88					
Huliyar ..	...	...	...	60	3	68	9	89					
Mysore ...	...	75	1	18	5	15	11	57	Rice 9½ to 12 9½ to 11.	Do	Standing crops a... generally good condition, but the want of rain is still felt in some parts.	Generally good.	Do	Water... able.
Chamrajnagar ...	1	83	...	7	7	84	9	43	Ragi 23 to 40 27 to 40.					
Seringapatam ...	1	90	2	36	6	61	12	16	(*Eleusine corocana.*)					
Hunsur ...	...	23	...	51	6	96	10	7	Horse-					
Yedatore ...	...	28	1	7	5	47	12	38	gram 16 to 26 16 to 24.					
Heggaddevankote.	*	*	...	79	*	*	11	13	(*Ciser arietinum.*)					
Gundlupet ...	2	...	...	45	7	35	10	26						
Nanjangud ...	..	45	1	2	3	88	12	80						
T. Narsipur ...	1	50	...	68	8	29	11	...						
Malvalli ...	1	80	...	20	4	72	11	98						
Mandya ...	..	74	...	34	9	52	9	7						
Krishnarajpete ...	...	45	...	77	4	7	10	75						
Nagamangala ...	..	...	..	88	6	52	11	97						
Hassan ...	...	45	...	68	7	27	6	33	Rice 9½ to 10½ 9½ to 10½.	Do	Standing crops:—Sugar-cane, paddy, ragi and pigeon-pea thrive in all the taluks of the district. Paddy is being sown in the Manjarabad taluk and under channels in the Channarayapatna taluk; coffee buds which blossomed are reported to be in good condition. Jola, gingelly, black and green grams have been sown in parts of Arsikere, and ragi, jola, &c., in parts of Holé-Narsipur taluks.	Favorable.	Generally good. Fever and ague are prevalent in Hassan, Manjarabad and Arsikere taluks and small-pox in Holé-Narsipur taluk.	Fodder and cattle suffici... taluks of t...
Manjarabad ...	...	78	5	55	6	19	5	85	Ragi 32 32.					
Arkalgud ...	...	...	1	40	5	60	4	72	(*Eleusine corocana.*)					
Belur ..	...	10	1	69	3	95	4	10	Horse-					
Channarayapatna.	...	..	...	93	5	10	4	24	gram 18 19.					
Arsikere ..	...	...	...	63	6	36	5	76	(*Ciser arietinum.*)					
Holé-Narsipur .	...	...	...	58	4	6	4	31						
Alur Sub-Taluk..	...	22	...	...	5	91	...	...						
Shimoga ..	...	18	1	44	4	73	9	40	Rice 11 to 14 12 to 16.	Do	Paddy and sugar-cane are in good condition. Paddy sown in the taluks of Shimoga, Sorab, Sagar, Tirthahalli and Kumsi sub-taluk. "Kar" paddy harvested in the Nagar taluk.	Fair.	Fair.	Fair.
Chanagiri ...	1	15	1	10	3	12	6	26	Ragi 28 to 48 28 to 50.					
Honnali ...	...	...	...	53	8	65	6	70	(*Eleusine corocana.*)					
Shikarpur ..	...	91	...	56	2	49	4	9	Jola 20 to 46 20 to 43.					
Sorab ...	...	5	1	50	3	12	8	43	(*Sorghum vulgare.*)					
Sagar ...	.	68	2	32	2	8	6	64						
Nagar (Kallorkatte).	...	98	4	8	1	16	10	64						
Tirthahalli ...	...	82	3	62	2	73	9	97						
Kumsi ...	...	55	1	28	2	22	5	90						
Chikmagalur ...	...	20	1	44	6	32	13	97	Rice 8 to 12½ 8 to 12.	Do	Standing crops, *viz.*—Sugar-cane is in good condition. Paddy, ragi, green gram, sessamum seed, jola, and black gram are being sown.	Do	Good.	Cattle healthy. fodder availab...
Kadur ..	...	54	...	47	5	71	8	84	Ragi 25 to 47 25 to 44.					
Tarikere ..	1	54	1	2	6	40	6	46	(*Eleusine corocana.*)					
Koppa ...	...	27	6	3	1	62	13	31	Horse-					
Mudgere ...	...	35	4	43	6	38	16	47	gram 15 to 20 15 to 20.					
Yedahalli ..	..	...	3	8	2	50	9	23	(*Ciser arietinum.*)					
Sringeri ...	...	...	...	...	5	75	...	..						
g... Chitaldrug ...	...	32	...	73	4	16	8	70	Rice 9 to 15 9 to 13.	Do	Standing crops are in good condition. Sessamum, jola, pigeon-pea, paddy, castor-beans and sugar-cane were sown in some parts of this district.	Generally good.	Good. Children are suffering from small-pox in the Hiriyur taluk and cholera is still prevalent in the Molakalmuru taluk.	Fodder and wa... ly available. ... not yet subs... Holalkere an... taluks.
Challakere ...	...	30	1	69	10	14½	9	72	Ragi 38 to 50 34 to 50.					
Hiriyur ...	...	..	...	85	4	4	8	3	(*Eleusine corocana.*)					
Holalkere ...	1	70	...	51	3	84	6	11	Jola 30 to 46 32 to 48.					
Davangere ...	...	...	...	52	1	53	6	52	(*Sorghum vulgare.*)					
Molakalmuru ...	..	...	...	63	5	55	7	29						
Jagalur ...	1	45	...	40	6	50	6	1						
Hosdurga ...	...	...	...	77	2	90	10	89						
Harihar ..	...	...	...	55	3	13	5	46						